

004031" 66E28.460

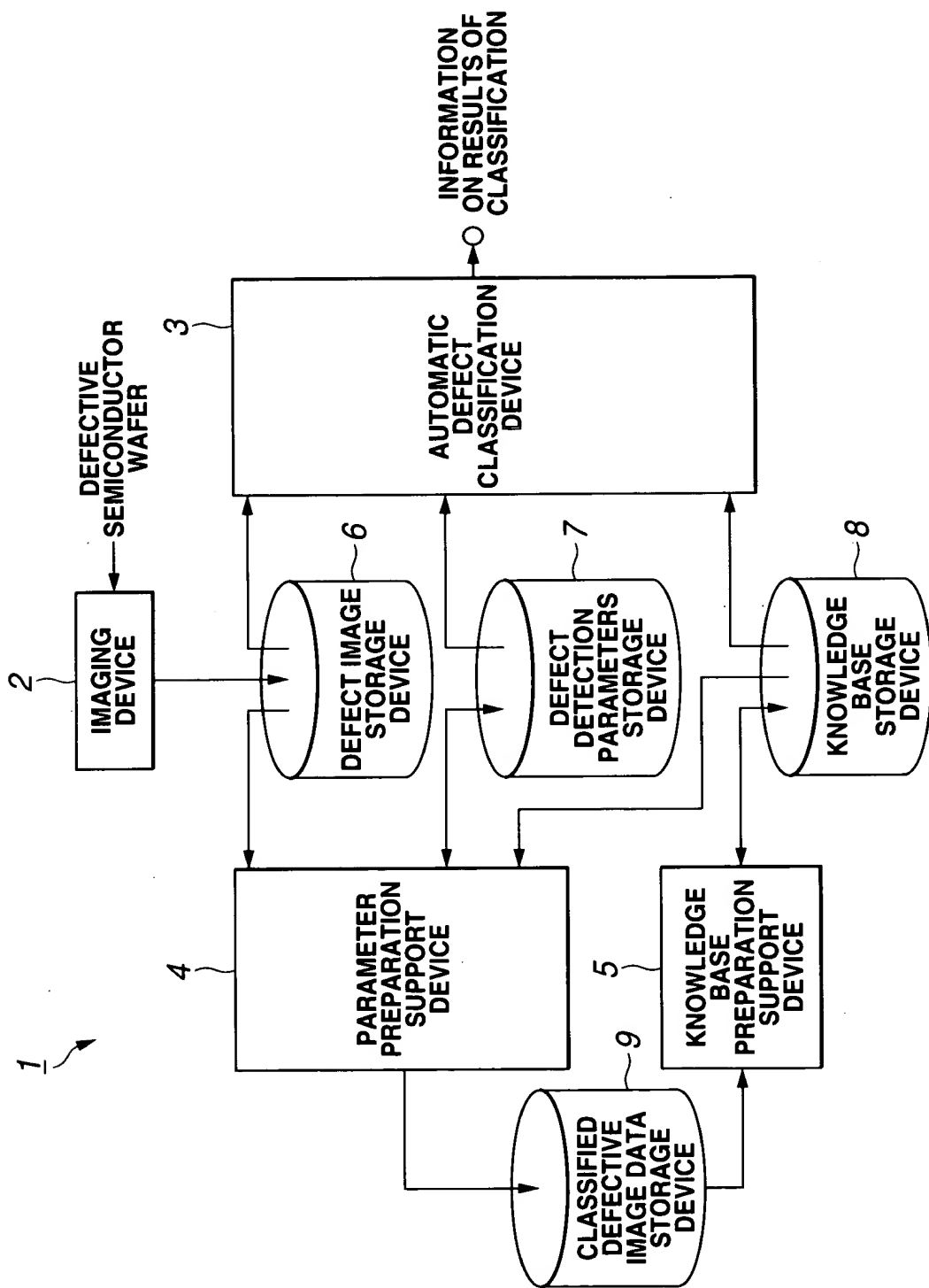
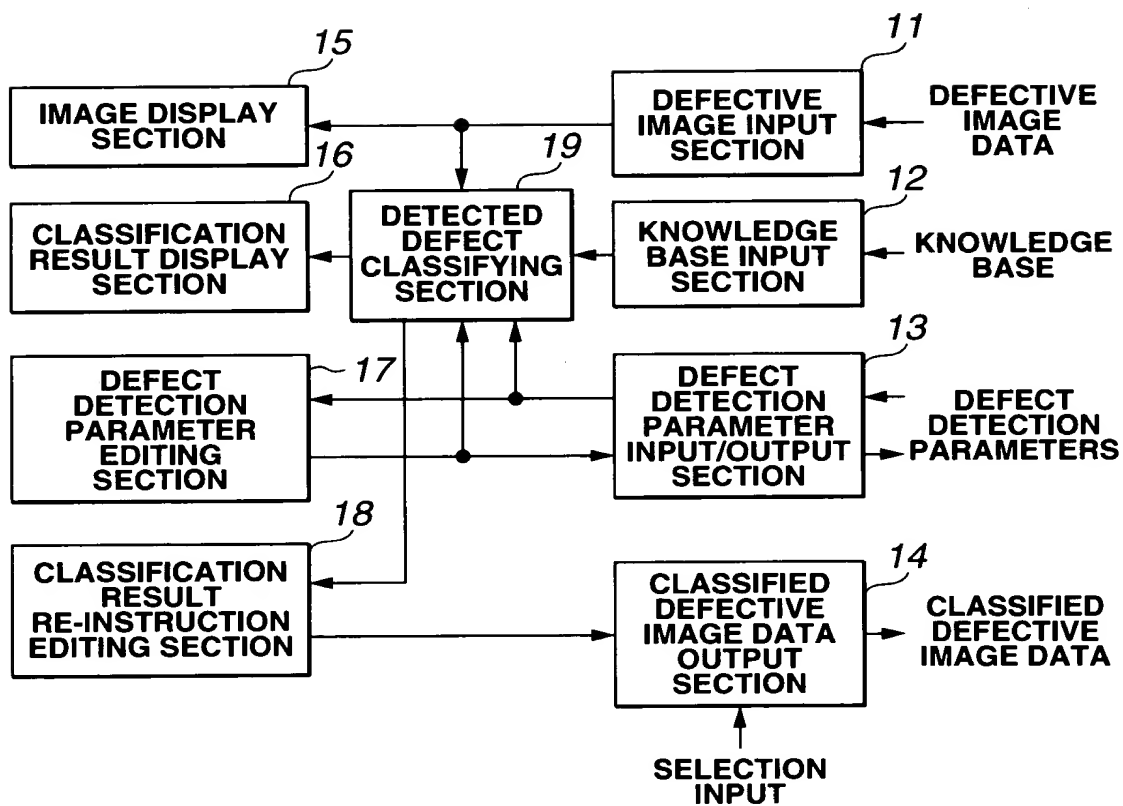


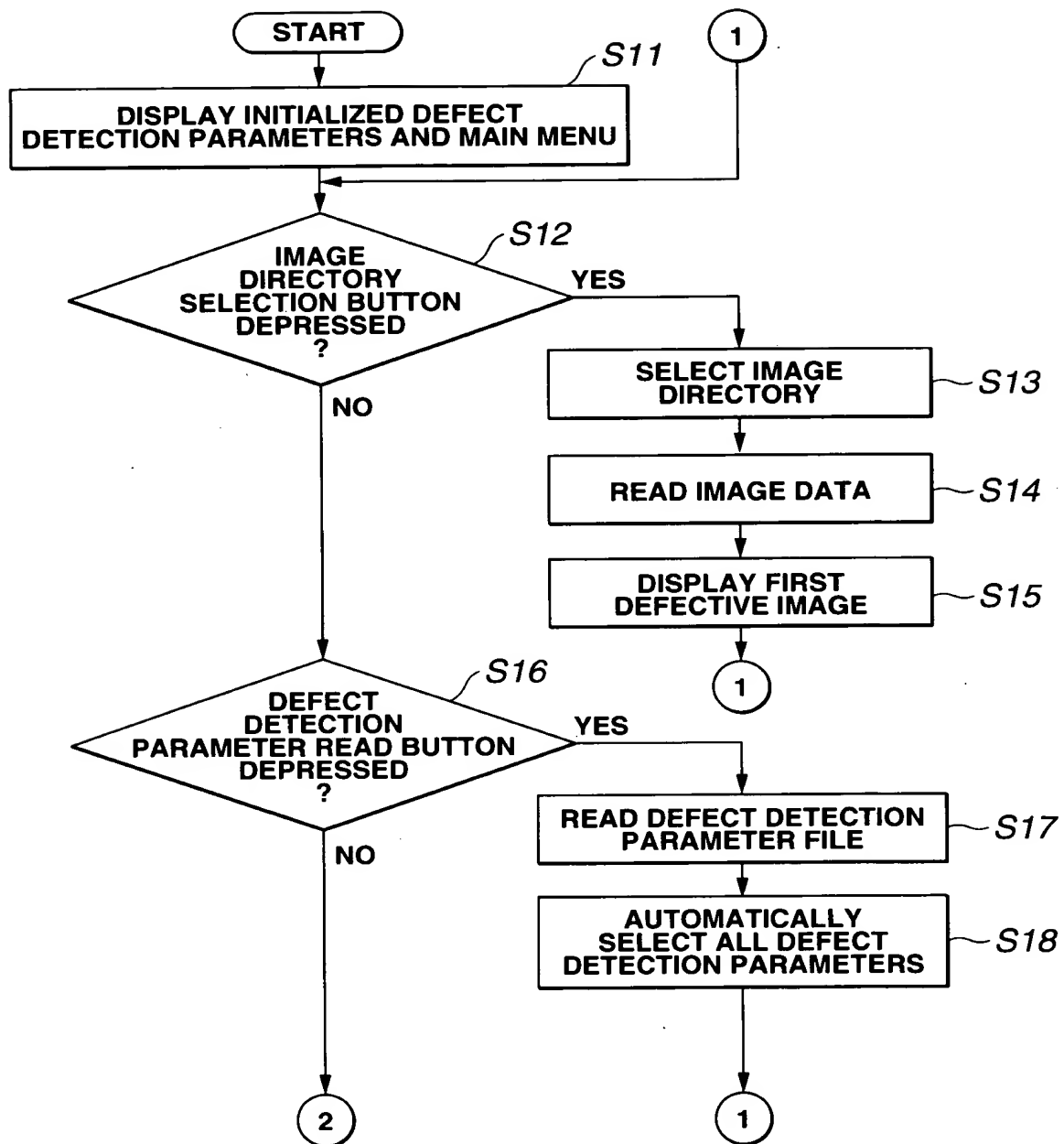
FIG.1

**SECRET**



**FIG.2**

004021" 0000000000



**FIG.3**

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graph TD
    Start(( )) --> S19{INDIVIDUAL DEFECT DETECTION  
PARAMETER MANUAL  
SELECTION BUTTON  
DEPRESSED ?}
    S19 -- YES --> S20[SELECT INDIVIDUAL DEFECT  
DETECTION PARAMETER  
MANUAL SELECTION]
    S19 -- NO --> S21{DEFECT DETECTION  
PARAMETER PRESERVATION  
BUTTON DEPRESSED ?}
    S20 --> J1((1))
    J1 --> S21
    S21 -- YES --> S22[PRESERVE CURRENT  
DEFECT DETECTION  
PARAMETER]
    S21 -- NO --> S23{KNOWLEDGE  
BASE READ BUTTON  
DEPRESSED ?}
    S22 --> J2((1))
    J2 --> S23
    S23 -- YES --> S24[READ KNOWLEDGE BASE]
    S23 -- NO --> End((3))
    S24 --> J3((1))
    J3 --> S23

```

**FIG.4**

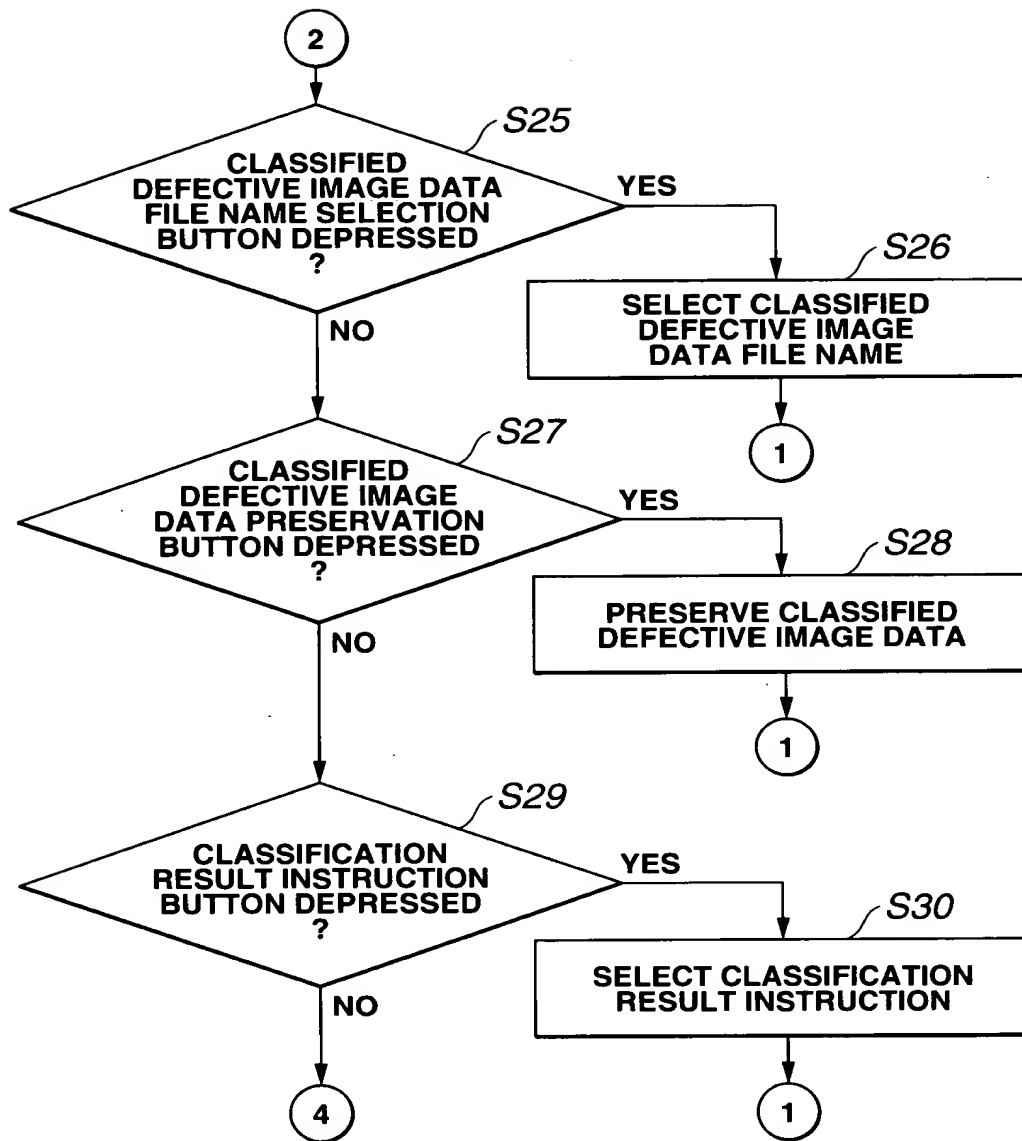


FIG.5

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graph TD
    Start((4)) --> S31{DETECTED DEFECT CLASSIFICATION START BUTTON DEPRESSED?}
    S31 -- YES --> S32[START CLASSIFYING DEFECT]
    S31 -- NO --> S33{NEXT DEFECTIVE IMAGE EXIST?}
    S32 --> S33
    S33 -- YES --> S34{NEXT DEFECTIVE IMAGE DISPLAY BUTTON DEPRESSED?}
    S33 -- NO --> S38{PREVIOUS DEFECTIVE IMAGE EXIST?}
    S34 -- YES --> S35{DETECTED NEXT DEFECTIVE IMAGE EXIST?}
    S34 -- NO --> S38
    S35 -- YES --> S36[DISPLAY DETECTED NEXT DEFECTIVE IMAGE]
    S35 -- NO --> S37[DISPLAY NEXT DEFECTIVE IMAGE]
    S36 --> J1((1))
    S37 --> J2((1))
    S38 -- YES --> S39{PREVIOUS DEFECTIVE IMAGE DISPLAY BUTTON DEPRESSED?}
    S38 -- NO --> J3((5))
    S39 -- YES --> S40{DETECTED PREVIOUS DEFECTIVE IMAGE EXIST?}
    S39 -- NO --> J3
    S40 -- YES --> S41[DISPLAY DETECTED PREVIOUS DEFECTIVE IMAGE]
    S40 -- NO --> S42[DISPLAY NEXT DEFECTIVE IMAGE]
    S41 --> J4((1))
    S42 --> J5((1))

```

**FIG.6**

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graph TD
    Start((5)) --> S43{DETECTIVE IMAGE DISPLAY BUTTON DEPRESSED?}
    S43 -- YES --> S44{DETECTIVE IMAGE EXIST?}
    S43 -- NO --> S46{REFERENCE IMAGE DISPLAY BUTTON DEPRESSED?}
    S44 -- YES --> S45[DISPLAY DEFECTIVE IMAGE]
    S44 -- NO --> J1((1))
    S45 --> J1
    S46 -- YES --> S47{REFERENCE IMAGE EXIST?}
    S46 -- NO --> J2((1))
    S47 -- YES --> S48[DISPLAY REFERENCE IMAGE]
    S47 -- NO --> J3((1))
    S48 --> J3
    S49{DETECTED DEFECTIVE IMAGE DISPLAY BUTTON DEPRESSED?}
    S49 -- YES --> S50{DETECTED DEFECTIVE IMAGE EXIST?}
    S49 -- NO --> J4((1))
    S50 -- YES --> S51[DISPLAY DETECTED DEFECTIVE IMAGE]
    S50 -- NO --> J5((1))
    S51 --> J6((1))

```

**FIG.7**